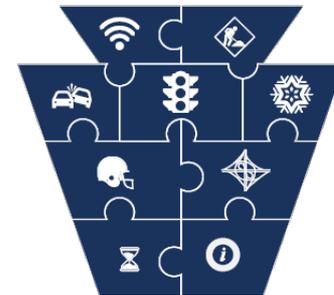


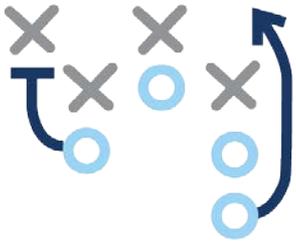
Pennsylvania DOT Perspective



ITS Community College Workshop
September 20, 2017



Transportation Systems Management & Operations



TSMO Purpose

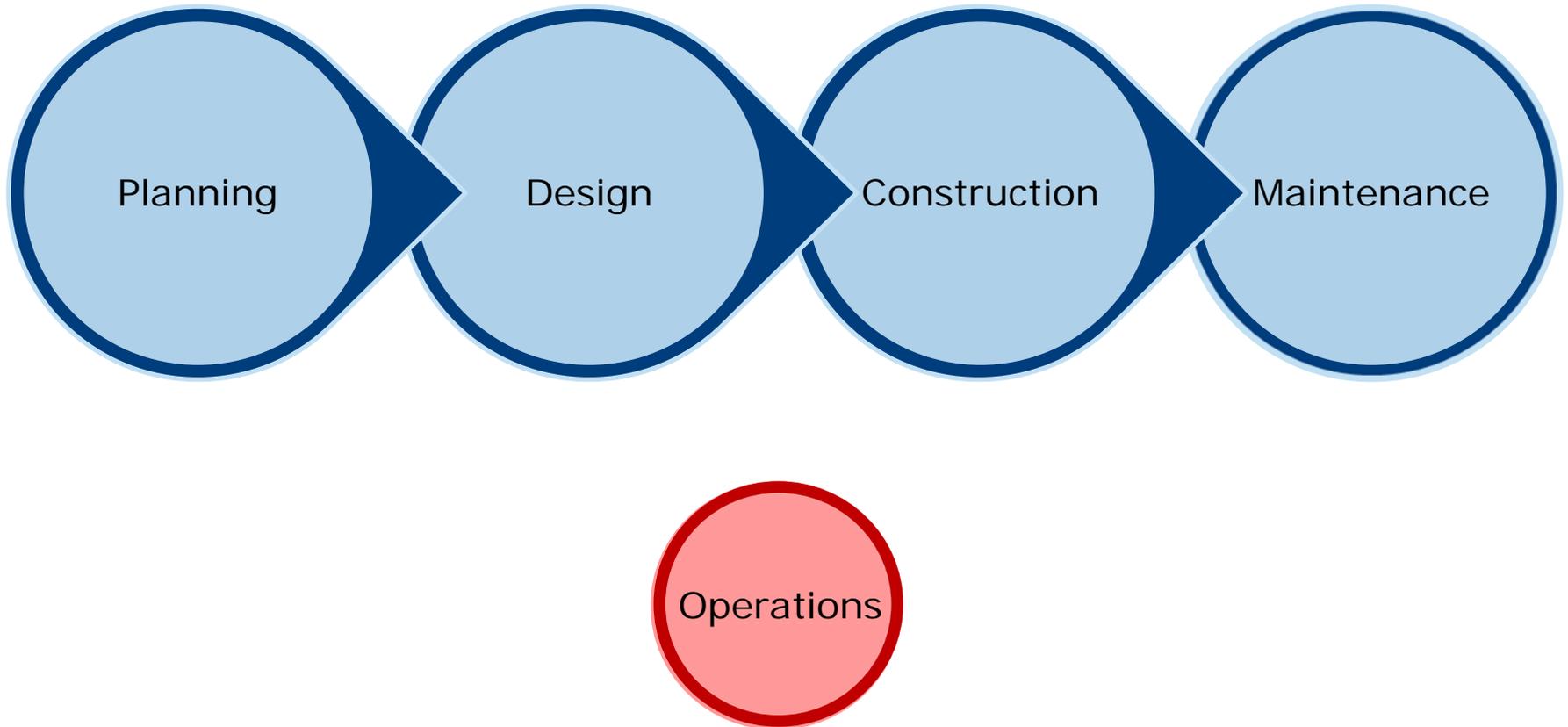
A way to address reliability, mobility, and congestion by using various strategies rather than just trying to build our way out.



TSMO Mission

Move people and goods, from Point A to Point B, as efficiently, safely, and reliably as possible.

Overview (Project Life Cycle – Reality)



Overview (Capability Maturity for TSMO)

Self-Assessment

Elements	Level 1 Performed	Level 2 Managed	Level 3 Integrated	Level 4 Optimizing
Planning & Programming	▼			
Systems & Technology	▼			
Performance	▼			
Culture		▼		
Organization & Staffing	▼			
Collaboration		▼		

Overview (Capability Maturity for TSMO)

Target

Elements	Level 1 Performed	Level 2 Managed	Level 3 Integrated	Level 4 Optimizing
Planning & Programming			▼	
Systems & Technology			▼	
Performance			▼	
Culture			▼	
Organization & Staffing			▼	
Collaboration			▼	

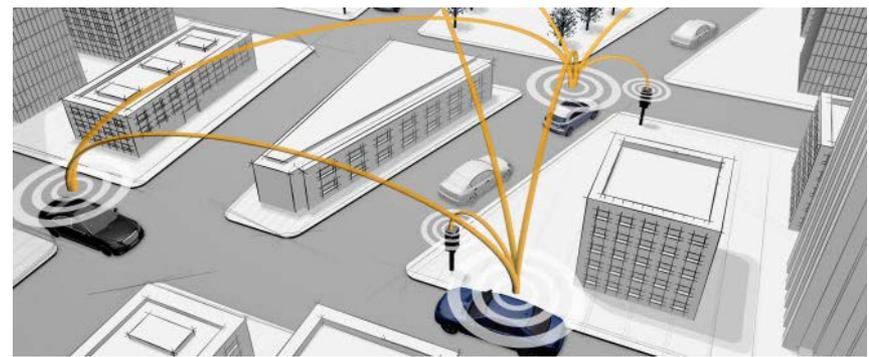
Key TSMO Activities

- TSMO Strategic Framework and Program Plan
- Performance Metrics Program
- TSMO Implementation Guidebook
- Regional Operations Plans
- Statewide TMC / 4 Regional TMCs
- Connected and Automated Vehicles
- Traffic Signal Ownership



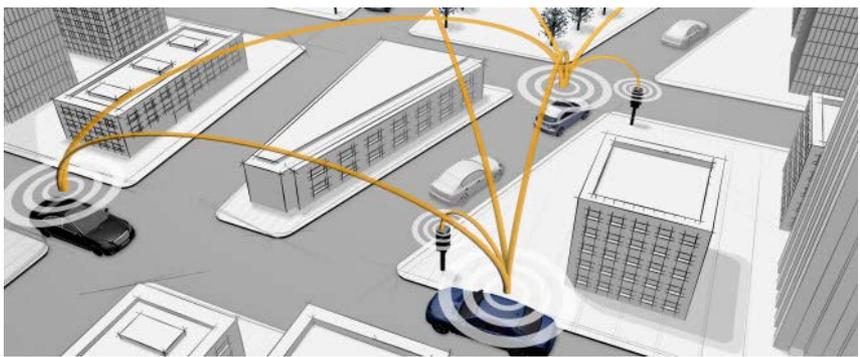
Needed Job Skills

- Traffic Operations
- IT / Communications
- Data analytics
- Advanced Vehicle Technologies



Needed Job Skills

- Traffic Operations
- IT / Communications
- Data analytics
- Advanced Vehicle Technologies



Finding Qualified Personnel

- PA Civil Service Commission
- Limited to existing classifications
- “Fit” classifications into needed skills

